

P24045.A01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yongming LOU

Group Art Unit: unknown

Appln. No.: 10/734,112

Examiner: unknown

Filed: December 15, 2003

For: ARCHITECTURE OF DATABASE APPLICATION WITH ROBUST
ONLINE RECOVERABILITY

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56, §§1.97-1.98, Applicant hereby calls the following documents to the Examiner's attention:

U.S. Patent No. 5,301,319 to THURMAN et al., which issued on April 5, 1994;

U.S. Patent No. 5,369,757 to SPIRO et al., which issued on November 29, 1994;

U.S. Patent No. 5,414,840 to RENGARAJAN et al., which issued on May 9, 1995;

U.S. Patent No. 5,581,750 to HADERLE et al., which issued on December 3, 1996;

U.S. Patent No. 5,682,527 to COOPER et al., which issued on October 28, 1997;

U.S. Patent No. 5,712,971 to STANFILL et al., which issued on January 27, 1998;

U.S. Patent No. 5,758,150 to BELL et al., which issued on May 26, 1998;

U.S. Patent No. 5,799,323 to MOSHER, JR. et al., which issued on August 25, 1998;

U.S. Patent No. 5,864,849 to BOHANNON et al., which issued on January 26, 1999;

U.S. Patent No. 5,870,759 to BAUER et al., which issued on February 9, 1999;

U.S. Patent No. 5,870,763 to LOMET, which issued on February 9, 1999;

U.S. Patent No. 5,884,324 to CHENG et al., which issued on March 16, 1999;

U.S. Patent No. 5,890,154 to HSIAO et al., which issued on March 30, 1999;

U.S. Patent No. 5,907,849 to DIAS et al., which issued on May 25, 1999;

U.S. Patent No. 5,931,955 to KUNG, which issued on August 3, 1999;

U.S. Patent No. 5,933,838 to LOMET, which issued on August 3, 1999;

U.S. Patent No. 5,946,698 to LOMET, which issued on August 31, 1999;

U.S. Patent No. 5,974,425 to OBERMARCK et al., which issued on October 26, 1999;

U.S. Patent No. 6,065,018 to BEIER et al., which issued on May 16, 2000;

U.S. Patent No. 6,078,932 to HAYE et al., which issued on June 20, 2000;

U.S. Patent No. 6,151,607 to LOMET, which issued on November 21, 2000;

U.S. Patent No. 6,163,856 to DION et al., which issued on December 19, 2000;

U.S. Patent No. 6,185,577 to NAINANI et al., which issued on February 6, 2001;

U.S. Patent No. 6,275,824 to O'FLAHERTY et al., which issued on August 14, 2001;

U.S. Patent No. 6,253,211 to GILLIES et al., which issued on June 26, 2001;

U.S. Patent No. 6,295,610 to GANESH et al., which issued on September 25, 2001;

U.S. Patent No. 6,324,548 to SORENSON, which issued on November 27, 2001;

U.S. Patent No. 6,397,227 to KLEIN et al., which issued on on May 28, 2002;

U.S. Patent No. 6,421,686 to MARTIN, JR, which issued on July 16, 2002;

U.S. Patent No. 6,430,577 to HART, which issued on August 6, 2002;

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U.S. Patent No. 6,449,623 to BOHANNON et al., which issued on September 10, 2002;

U.S. Patent No. 6,453,325 to CABRERA et al., which issued on September 17, 2002;

U.S. Patent No. 6,539,402 to SORENSON et al., which issued on March 25, 2003;

U.S. Patent Application Publication No. 2002/0007363 to VAITZBLIT, which published on January 17, 2002;

U.S. Patent Application Publication No. 2002/0107876 to TSUCHIDA et al., which published on August 8, 2002; and

U.S. Patent Application Publication No. 2002/0116404 to CHA et al., which published on August 22, 2002.

Applicant also calls to the Examiner's attention the following document:

Oracle9i Database Daily Feature, Oracle9i Flashback Query,

<<http://technet.oracle.com/products/oracle9i/daily/Aug13.html>>, printed on August 28, 2003.

With respect to the aforementioned website, the date on which the site was retrieved and printed is given as the earliest date known to Applicant. Applicant makes no representation that this "retrieved on" date is the earliest publication. However, Applicant is not aware of any practical way of determining the publication date on the World Wide Web.

Applicant also calls to the Examiner's attention the following document:

Oracle9i Application Developer's Guide - Fundamentals, Release 2 (9.2) March 2002.

The Oracle9i Application Developer's Guide - Fundamentals includes a section titled "Querying Data at a Point in Time (Flashback Query)" on pages 7-43 through 7-56 and which is referred to at page 2 of the specification of the instant application. Applicant notes that a typographical error

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in the application as filed identified page 7-34 instead of 7-43, which is being corrected via a Preliminary Amendment filed concurrently herewith. In any event, the examiner is invited to review the entire document, which has been provided herewith.

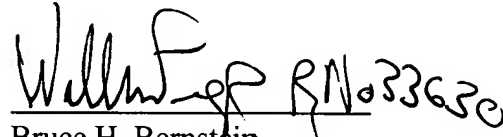
Applicant respectfully requests that the Examiner consider and cite the above documents. Copies of the above-noted documents have been listed on a PTO-1449 Form which is attached. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to Applicant with the next official communication in the present application to confirm consideration of these documents.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R 1.98 (a)(2)(i), copies of U.S. patents and U.S. published patent applications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

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Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Yongming LOU


Bruce H. Bernstein
Reg. No. 29,027

March 9, 2004
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24045Serial No.
10/734,112INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Yongming LOUFiling Date
December 15, 2003Group
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 3 0 1 3 1 9	04/05/94	THURMAN et al.			
	5 3 6 9 7 5 7	11/29/94	SPIRO et al.			
	5 4 1 4 8 4 0	05/09/95	RENGARAJAN et al.			
	5 5 8 1 7 5 0	12/03/96	HADERLE et al.			
	5 6 8 2 5 2 7	10/28/97	COOPER et al.			
	5 7 1 2 9 7 1	01/27/98	STANFILL et al.			
	5 7 5 8 1 5 0	05/26/98	BELL et al.			
	5 7 9 9 3 2 3	08/25/98	MOSHER, JR. et al.			
	5 8 6 4 8 4 9	01/26/99	BOHANNON et al.			
	5 8 7 0 7 5 9	02/09/99	BAUER et al.			
	5 8 7 0 7 6 3	02/09/99	LOMET			
	5 8 8 4 3 2 4	03/16/99	CHENG et al.			
	5 8 9 0 1 5 4	03/30/99	HSIAO et al.			
	5 9 0 7 8 4 9	05/25/99	DIAS et al.			
	5 9 3 1 9 5 5	08/03/99	KUNG			
	5 9 3 3 8 3 8	08/03/99	LOMET			
	5 9 4 6 6 9 8	08/31/99	LOMET			
	5 9 7 4 4 2 5	10/26/99	OBERMARCK et al.			
	6 0 6 5 0 1 8	05/16/00	BEIER et al.			
	6 0 7 8 9 3 2	06/20/00	HAYE et al.			
	6 1 5 1 6 0 7	11/21/00	LOMET			
	6 1 6 3 8 5 6	12/19/00	DION et al.			
	6 1 8 5 5 7 7	02/06/01	NAINANI et al.			
	6 2 7 5 8 2 4	08/14/01	O'FLAHERTY et al.			
	6 2 5 3 2 1 1	06/26/01	GILLIES et al.			
	6 2 9 5 6 1 0	09/25/01	GANESH et al.			

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

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Unknown

U.S. PATENT DOCUMENTS

		6	3	2	4	5	4	8	11/27/01	SORENSEN			
		6	3	9	7	2	2	7	05/28/02	KLEIN et al.			
		6	4	2	1	6	8	6	07/16/02	MARTIN, JR.			
		6	4	3	0	5	7	7	08/06/02	HART			
		6	4	4	9	6	2	3	09/10/02	BOHANNON et al.			
		6	4	5	3	3	2	5	09/17/02	CABRERA et al.			
		6	5	3	9	4	0	2	03/25/03	SORENSEN et al.			
2002	/	0	0	0	7	3	6	3	01/17/02	VAITZBLIT			
2002	/	0	1	0	7	8	7	6	08/08/02	TSUCHIDA et al.			
2002	/	0	1	1	6	4	0	4	08/22/02	CHA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Oracle9i Database Daily Feature, Oracle9i Flashback Query,
		< http://technet.oracle.com/products/oracle9i/daily/Aug13.html >, printed on August 28, 2003.
	2	Oracle9i Application Developer's Guide - Fundamentals, Release 2 (9.2) March 2002.

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